

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 19233
Application ID: 10065533
Title of Invention: OVER-VOLTAGE CROWBAR FOR
LIGHTNING SURGE AND ESD
PROTECTION
First Named Inventor: Ta-yung Yang
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-10-28
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 9939-US-PA
Digital Certificate Holder: cn=Belinda Lee, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: iT+D9R1NvuWd85PnKWZ0w==
Total Fees Authorized: \$410.0
Payment Category: CC - Credit Card
Credit Card Number: *****3109
Expiration Date: 04302003
Card Holder Name: LEE, HUAI-LU
RAM User ID: EFSPROD
RAM Accounting Date: 2002-10-28
RAM Sequence Number: 553171
RAM Payment Status: RAM success
Postal Code: 99999



TRANSMITTAL FORM

JC474 U.S. PTO
10/065533
10/28/02

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket
Number:

9939-US-
PA

Submission Type: Utility Patent
Filing

OVER-VOLTAGE CROWBAR FOR LIGHTNING SURGE AND ESD PROTECTION

First Named Inventor: Mr. Ta-yung Yang

SUBMITTED BY

| | |
|--|-----------------------|
| Name: | Dr. Belinda Lee |
| Registration Number: | 46863 |
| Electronic Signature Mark: /Belinda Lee/ | Date Signed: 20021028 |

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

| | |
|-------------|----------------------|
| declaration | 9939declaration1.tif |
| declaration | 9939declaration2.tif |

Comments:

[illegible]

My residence, post office address and citizenship are as stated below next to my name and that I believe I am an original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

the specification of which

Prior Foreign Application(s): NOT APPLICABLE.

Belinda Lee (Reg. No. 46,863)
Jiawei Huang (Reg. No. 43,330)
Charles C.H. Wu (Reg. No. 39,081)

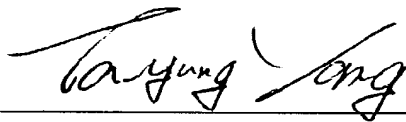
DIRECT TELEPHONE CALLS TO:
(Name and Telephone Number)

Belinda Lee

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COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.



August 23, 2002

Signature

Date

Sole or First Inventor: Ta-yung Yang

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August 23, 2002

Signature

Date

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FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Small Entity

Small Business Concern

TOTAL FEES AUTHORIZED: \$ 410

BANK (CREDIT) CARD INFORMATION:

| | |
|---------------------|--------------|
| Credit Card Number: | 3109 |
| Expiration Date: | 20030430 |
| Authorized Name: | LEE, HUAI-LU |
| Billing Address: | 99999 |

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 2001 | \$ 370 |

Subtotal For Basic Filing Fee: \$ 370

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 5 | 2202 | \$ 9 | 0 | \$ 0 |
| Independent Claims: 2 | 2201 | \$ 42 | 0 | \$ 0 |

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

| Fee Description | Number | Quantity | Fee Code | Amount | Fee Paid |
|---|----------|----------|----------|--------|----------|
| Recording Each Patent Assignment Per Property Fee | 00000000 | 1 | 8021 | \$ 40 | \$ 40 |

Subtotal For Additional Fees: \$ 40